

1. A method for inserting a multi-lumen catheter assembly into an area to be catheterized, the multi-lumen catheter assembly having (a) a multi-lumen catheter tube having a distal portion and a proximal portion, and (b) detachable extension tubes each having a first end selectively attachable to the distal portion of the multi-lumen catheter tube, the method comprising the steps of:

making an insertion incision near the area to be catheterized;

inserting the proximal portion of the multi-lumen catheter tube into the area to be catheterized;

creating a subcutaneous tunnel having a first end and a second end, wherein the first end of the subcutaneous tunnel is near said insertion incision;

routing the distal portion of the catheter tube through the subcutaneous tunnel beginning at the first end and exiting through the second end of the subcutaneous tunnel; and

attaching the first end of each detachable extension tube to the distal portion of the catheter tube.

2. The method of claim 1, the catheter tube having at least a first lumen and a second lumen, the first end of each detachable extension tube comprising a cannula, each of the cannula having a proximal portion and a distal portion, wherein the step of attaching the first end of each detachable extension tube to the distal portion of the catheter tube further comprising of the step of:

inserting the proximal portion of each cannula into each of the first lumen and second lumen at the distal portion of the catheter tube to create fluid communication between each cannula and the first lumen and the second lumen.

3. The method of claim 2, the first lumen having a first indicator associated therewith, and the second lumen having a second indicator associated therewith, wherein the step of inserting the cannula into the lumens further comprising the steps of:

matching the first indicator associated with the first lumen with an indicator associated with one of the cannula; and

matching the second indicator associated with the second lumen with an indicator associated with the other cannula.

4. The method of claim 1 further comprising of the steps of:

engaging a clamp engaged with each extension tube to prevent fluid flow therethrough; and

disengaging the clamp to allow fluid from through each extension tube.

5. The method of claim 1, wherein the step of attaching the first end of each detachable extension tube to the distal portion of the catheter tube is preceded by:

gripping the first end of each detachable extension tube by a gripping portion sized such that fingers may grip and manipulate the first end of the detachable extension tubes.

6. The method of claim 1, wherein each detachable extension tube has a second end, the step of attaching the first end of each detachable extension tube to the distal portion of the catheter tube is followed by:

connecting the second end of each detachable extension tube to fluid circulation device.

7. A method for inserting a multi-lumen catheter assembly into an area to be catheterized, wherein the multi-lumen catheter assembly is comprised of (a) a multi-lumen catheter tube with a distal portion and a proximal portion, the catheter tube having a first lumen and a second lumen, (b) a first and second attachable extension tube each having at a proximal end thereof a cannula, each of the cannula having a proximal portion and a distal portion, the method comprising the steps of:

making an insertion incision near the area to be catheterized;

inserting the proximal portion of the multi-lumen catheter tube into the area to be catheterized;

creating a subcutaneous tunnel having a first end and a second end, wherein the first end of the subcutaneous tunnel is near the insertion incision;

routing the distal portion of the catheter tube through the subcutaneous tunnel beginning at the first end and exiting through the second end of the subcutaneous tunnel; and

attaching the proximal portion of each cannula to the distal portion of the catheter tube.

8. The method of claim 7 further comprising of the steps of:

engaging a clamp disposed about the extension tube to prevent fluid flow therethrough; and

disengaging the clamp to allow fluid flow through the extension tube.

9. The method of claim 7, wherein the step of attaching the cannula of each detachable extension tube to the distal portion of the catheter tube is preceded by:

gripping the first end of each detachable extension tube by a gripping portion sized such that a fingers may grip and manipulate the cannula of each detachable extension tubes.

10. The method of claim 7, wherein each detachable extension tube has a distal end, the step of attaching the cannula of each detachable extension tube to the distal portion of the catheter tube is followed by:

connecting the distal end of each detachable extension tube to a fluid circulation device.

11. The method of claim 7 wherein the step of attaching the cannula to the catheter tube further comprising of the steps of:

inserting the proximal portion of the cannula of the first attachable extension tube into the first lumen of the distal portion of the catheter tube, and inserting the proximal portion of the cannula of the second attachable extension tube into the second lumen of the distal portion of the catheter tube, to create fluid communication between the cannula of the first attachable extension tube and the first lumen and the cannula of the second attachable extension tube and the second lumen.

12. A method for inserting a multi-lumen catheter assembly into an area to be catheterized, wherein the multi-lumen catheter assembly is comprised of (a) a multi-lumen catheter tube with a distal portion and a proximal portion, the catheter tube having at least a first lumen and a second lumen, (b) an attachable hub assembly, the hub assembly having a (i) a hub body being formed about a cannula having a proximal portion and a distal portion, (ii) an extension tube attached to the distal portion of the cannula in fluid communication therewith, each lumen and each extension tube having an indicator associated therewith, the method comprising the steps of:

making an insertion incision near the area to be catheterized;

inserting the proximal portion of the multi-lumen catheter tube into the area to be catheterized;

creating a subcutaneous tunnel having a first end and a second end, wherein the first end of the subcutaneous tunnel is near the insertion incision;

routing the distal portion of the catheter tube through the subcutaneous tunnel beginning at the first end and exiting through the second end of the subcutaneous tunnel;

matching the indicator associated with each lumen with the indicator associated with each extension tube; and

attaching the proximal portion of the cannula to the distal portion of the catheter tube.

13. The method of claim 12 further comprising of the steps of:

engaging a clamp disposed about the extension tube to prevent fluid flow therethrough; and

disengaging the clamp to allow fluid flow through the extension tube.

14. The method of claim 12, wherein the step of attaching the proximal portion of each cannula to the distal portion of the catheter tube is preceded by the step of:

gripping the first end of each extension tube by a gripping portion sized such that a typical persons finger could grip and easily manipulate the cannula of each extension tube.

15. The method of claim 12, wherein each extension tube has a second end, the step of attaching the proximal portion of each cannula to the distal portion of the catheter tube is followed by the step of:

connecting the second end of each extension tube to a fluid circulation device.

16. A method for inserting a multi-lumen catheter assembly into an area to be catheterized, the multi-lumen catheter assembly having a multi-lumen catheter tube having a distal portion and a proximal portion, the method comprising the steps of:

making an insertion incision near the area to be catheterized;

inserting the proximal portion of the multi-lumen catheter tube into the area to be catheterized;

creating a subcutaneous tunnel having a first end and a second end, wherein the first end of the subcutaneous tunnel is near said insertion incision;

routing the distal portion of the catheter tube through the subcutaneous tunnel beginning at the first end and exiting through the second end of the subcutaneous tunnel; and

attaching the distal portion of the catheter tube to a device which supplies fluid to one lumen of the multi-lumen catheter and withdraws fluid from a different lumen of the multi-lumen catheter.